

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A polymer dispersion wherein the components of a physical mixture comprising:

- (i) at least one unsaturated silane of the general formula (I)



~~in which~~ wherein X is a hydrogen atom or a methyl group, Y is a divalent group selected from $-\text{CH}_2-$ and $-\text{C}(\text{O})\text{O}-\text{CH}_2-$, n is 0 or 1, R is an alkoxy group selected from methoxy, ethoxy, n-propoxy, isopropoxy, n-butoxy, iobutoxy, and 2-methoxyethoxy, and p is 0 or 1,

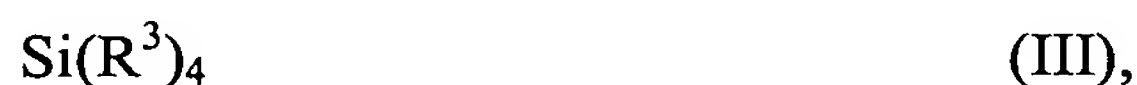
and

- (ii) at least one organosilane of the general formula (II),



~~in which~~ wherein R^1 is a linear, branched or cyclic alkyl group having 1 to 18 carbon atoms or is an aryl group or is a polyether group, R^2 is an alkoxy group selected from methoxy, ethoxy, n-propoxy, isopropoxy, n-butoxy, isobutoxy and 2-methoxyethoxy, and q is 0 or 1,

and/or at least one silicic ester of the general formula (III)



~~in which~~ wherein groups R^3 are identical or different and R^3 is an alkoxy group selected from methoxy, ethoxy, n-propoxy, isopropoxy, n-butoxy and isobutoxy,

are incorporated into the framework of the polymer.

Claim 2 (Currently Amended): ~~A~~The process for preparing a polymer dispersion as claimed in claim 1, ~~which comprises~~ comprising:

- [[-]] mixing at least one monomer and components (i) and (ii),
- [[-]] dispersing the mixture in surfactant-containing water, and
- [[-]] ~~then~~ carrying out the polymerization.

Claim 3 (Currently Amended): ~~A~~The process as claimed in claim 2, wherein from 0.1 to 10% by weight of unsaturated silane (i) is used, based on the total amount of the monomers.

Claim 4 (Currently Amended): ~~A~~The process as claimed in claim 2 ~~or 3~~, wherein component (i) is used in a weight ratio to component (ii) of from 99.9:0.1 to 0.1:99.9.

Claim 5 (Currently Amended): ~~A~~The process as claimed in ~~any of claims 2 to 4~~ claim 2, wherein an unsaturated silane selected from

- vinyltrimethoxysilane,
- vinyltriethoxysilane,
- vinyltri(2-methoxyethoxy)silane,
- vinylmethyldimethoxysilane,
- vinylmethyldiethoxysilane,
- 3-acryloyloxypropyltrimethoxysilane,
- 3-acryloyloxypropyltriethoxysilane,
- 3-acryloyloxypropylmethyldimethoxysilane,
- 3-acryloyloxypropylmethyldiethoxysilane,

3-methacryloyloxypropyl-trimethoxysilane,
3-methacryloyloxypropyltriethoxysilane,
3-methacryloyloxypropylmethyldimethoxysilane,
3-methacryloyloxypropylmethyldiethoxysilane or a mixture of two or more of the
aforementioned silanes is used as component (i)

Claim 6 (Currently Amended): ~~A~~ The process as claimed in ~~any of claims 2 to 5~~
claim 2,

wherein

an organosilane selected from

methyltrimethoxysilane,

n-propyltrimethoxysilane,

n-propyltriethoxysilane,

n-propyltri(2-methoxyethoxy)silane,

isobutyltrimethoxysilane,

isobutyltriethoxysilane,

n-hexyltrimethoxysilane,

n-octyltrimethoxysilane,

n-octyltriethoxysilane,

n-octyltri(2-methoxyethoxy)silane,

isooctyltrimethoxysilane,

isooctyltriethoxysilane,

n-hexadecyltrimethoxysilane,

phenyltrimethoxysilane,

phenyltriethoxysilane,
tetraethoxysilane,
alkyl polyglycol propyltrimethoxysilane or a mixture of two or more of the
aforementioned silanes is used as component (ii).

Claim 7 (Currently Amended): ~~A~~ The process as claimed in any claims 2 to 6 claim
2,

wherein
a precursor stage of a polymer selected from polyacrylates, polymethacrylates,
polystyrene acrylates, polyvinyl alcohols, and polyvinyl acetates is used as a monomer.

Claim 8 (Currently Amended): ~~A~~ The polymer dispersion obtainable as claimed in
~~any of claims 2 to 7~~ claim 2.

Claim 9 (Currently Amended): ~~The use of a physical mixture of~~ A method for
preparing a polymer dispersion, comprising:
combining components (i) and (ii) as claimed in claim 1 in a mixture.

Claim 10 (Currently Amended): ~~The use of a polymer dispersion as claimed in any of~~
~~claims 1 to 8 in~~ A method for preparing a concrete primer, in an adhesive, or a sealant, or in
an ink or a paint, comprising:
adding the polymer dispersion of claim 1 in a concrete primer.

Claim 11 (Currently Amended): An article ~~prepared using a polymer dispersion as~~
~~elaimed in any of claims 1 to 10 comprising:~~

the polymer dispersion of claim 1.